EUCON 537 (FORMERLY KNOWN AS EUCON 541 M)
HIGH RANGE WATER REDUCING RETARDING ADMIXTURE

EUCLID CHEMICAL

DESCRIPTION

EUCON 537 is a high range water reducing admixture formulated specifically to extend the working time of flowing concrete at high temperatures. EUCON 537 does not contain calcium chloride or any other ingredients that would promote the corrosion of steel.

PRIMARY APPLICATIONS

- Reinforced concrete
- High strength concrete
- Industrial slabs
- Lightweight concrete
- Prestressed concrete
- Parking structures
- Watertight concrete

FEATURES/BENEFITS

- Produces "flowing" concrete with controlled delay of slump loss and workability.
- Greatly reduces water requirements.
- Reduces segregation and bleeding in the plastic concrete.
- Reduces cracking and permeability of hardened concrete.
- When used to produce "flowing" concrete, significantly reduces concrete placement time and cost.

TECHNICAL INFORMATION

TEST TYPE	METHOD
Physical State	Dark Brown Liquid
Base Material	Sulphanated naphthalene formaldehyde condensates
Specific gravity	1.20 ±0.02 @25°C
Air entrainment	< or =1.5% over control mix
pH	Minimum 6
Chloride content	<0.2 %

Compatible with all cement types like OPC,OPC+fly ash,PPC etc.,

PACKAGING

EUCON 537 is packaged in bulk 250 kg drums.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

EUCON 537 meets or exceeds the following requirements:

- ASTM C 494, Type G
- AASHTO M 194
- IS9103/2007

EUCON 230

DIRECTIONS FOR USE

Normal Dosage ranges -200 ml - 600 ml /50 kg of cement.

However the optimum dosage is determined by site trails.

Eucon 537 should be added to the initial bacth water of the concrete mixture.

Do not dispense into dry cement.

Overdosing leads to retardation of setting times of concrete, mix may seggregate and bleeding of concrete.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain Eucon 537 above freezing.However freezing and subsequent thawing willnot harm the material if thoroughly agitated.

- In all the cases refer safety datasheet before use.